



TERMOIMPER CARAVANAS

100% Thermally Insulating Coating for Caravans, Containers, Sheds, Etc.

DESCRIPTION:

Highly effective thermally insulating coating specifically designed for caravans, shipping containers, motorhomes, gel coat bases, metal panels, polyester or prefabricated structures. Provides protection using reflective technology and next-generation thermal formulation, with very low thermal conductivity (0.107 W/mK). It is recommended to apply our BARNIZ TERMOIMPER CARAVANAS TOPCOAT after application to achieve a self-cleaning surface, improved durability and resistance over time without yellowing.

PROPERTIES:

Thermal conductivity = 0.107 W/mK

Thermal resistance = 0.049 m²·K/W [UNE-EN 12667:2002]

Energy saving: The paint reflects up to 85 % of solar heat, helping maintain interior comfort and reduce energy consumption.

Solar Reflectance Index (SRI) = 105 [ASTM E1980-1]

TECHNICAL CHARACTERISTICS:

Complies with UNE-EN 15824

Colour: Reflective white

Apparent density: 0,77 - 0,79 Kg/L

Coverage: 1 m² per litre with 3–4 coats using short-pile roller

Drying time at 20 °C and 60 % RH:

Touch dry: 1 hour

Through dry: 3–4 hours

Viscosity: 155 ± 25 PO

Application conditions: +10 °C to +30 °C (RH < 80%)

Solid content: Opacity 51 ± 1 (UNE-EN 13300)

VOC (Volatilé Organic Compounds): Cat. a/BA 75/30 (2007/2010): 1.20 g/l

Fire reaction classification: B-s1, d0



SURFACE PREPARATION:

The surface must be clean, dry and free from dust, grease or any other contaminants.

If cracks or damage are present, these should be repaired beforehand.

On non-absorbent surfaces such as glossy gel coat or new surfaces, open the pores using fine sandpaper with grit size approximately 150.

METHOD OF APPLICATION:

Mix the product thoroughly with a spatula. Do not use mechanical mixers to avoid damaging the formula.

Apply only by brush or roller. Avoid using spray equipment, as it may damage the product structure.

Apply at 1 m²/l to achieve a minimum dry film thickness of 300 microns. This requires 3–4 coats. For increased effectiveness, up to 2 m²/l may be applied (this option is recommended for static or rarely moved mobile homes and caravans, with a maximum speed of 60 km/h).

We recommend applying TERMOIMPER CARAVANAS TOPCOAT to improve system durability and protection.

Dilution and cleaning: Water

Application method: Brush, roller. No water required unless necessary due to high temperatures; in this case, add a maximum of 10 % water to ease application.

Storage life: 12 months under suitable conditions.

WASTE MANAGEMENT:

Follow local legal regulations. Help protect the environment — do not pour waste down drains, dispose of it at the nearest recycling centre. Calculate the exact amount of product needed to avoid waste and additional costs. Store leftover product properly for future reuse. Reusing paint can significantly reduce environmental impact throughout the product life cycle.

This technical data sheet is intended solely for informative and advisory purposes, based on our knowledge and experience. We cannot accept liability for consequences arising from the use of these products, as the conditions and circumstances of their application are beyond our control